

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

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The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

British association for the advancement of science. Report. 84th meeting. Australia, 1914. London. 1915.

Simpson, G[eorge] C. Discussion on antarctic meteorology. p. 302. [See this REVIEW, July 1915.]

Anderson, V. G. The influence of weather conditions upon the amounts of nitric acid and of nitrous acid in the rainfall near Melbourne, Australia. p. 338-339. [See this REVIEW, July 1915.]

Engineering news. New York. v. 74. 1915.

Stegner, C. M. Cincinnati buildings suffer from wind storm. p. 140-142. (July 15.)

Bunnemeyer, B[ernard]. The April floods in Texas. p. 152. (July 22.)

London, Edinburgh and Dublin philosophical magazine. London. 6 ser. v. 30. July, 1915.

Simpson, G[eorge] C. The electricity of atmospheric precipitation. p. 1-12. [Bibliography, p. 12.]

Deeley, R. M. The theory of the winds. p. 13-33.

Nature. London. v. 95. June 24, 1915.

Grabham, G. W. Man's true thermal environment, p. 451.

Physical review. Lancaster, Pa. v. 6. July, 1915.

Hersey, M. D. Aneroid barometers. p. 75-77. [Abstract.]

Royal society. Proceedings. London. ser. A. v. 91. no. A631. 1915.

Lees, Charles H. On the shapes of the equipotential surfaces in the air near long walls or buildings and on their effect on the measurement of atmospheric potential gradients. p. 440-451.

Science. New York. v. 41. June 11, 1915.

Livingston, Burton E. A modification of the Bellani porous plate atmometer. p. 872-874.

Science abstracts. London. v. 18. Feb. 25, 1915.

Ho, H. H. Radium as a lightning conductor. p. 94-95. [Abstract of paper by Szilard.]

Scientific American supplement. New York. v. 80. 1915.

Facts about thunderstorms. p. 37-38. (July 17.) [Abstract of paper by Prof. Humphreys in MONTHLY WEATHER REVIEW, June, 1914, p. 348-380.]

Scientific American supplement—Continued.

Wolf, Karl. The nature of ball lightning. A curious phenomenon, and attempts to explain its nature and action. p. 54-55. (July 24.) [Translated from "Prometheus."]

Académie des sciences. Comptes rendus. Paris. Tome 160. 1915.

Hubert, Henri. Sur la répartition des pluies en Afrique occidentale. p. 606-608. (3 mai.)

Boussinesq, J. Calcul approximatif de l'influence du climat sur la vitesse d'accroissement de la température avec la profondeur sous le sol. p. 747-750. (14 juin.)

Eginitis, D[imitrios]. Sur les derniers tremblements de terre de Leucade et d'Ithaque. 774-777. (14 juin.)

Archives des sciences physiques et naturelles. Genève. Tome 39. 19 mai 1915.

Mercanton, Paul L[louis]. Un nouveau néphéloscope. p. 454-455.

Beiträge zur Physik der freien Atmosphäre. Leipzig. 7. Band. Heft 2. 1915.

Dietzus, R[obert]. Steig- und Fallgeschwindigkeit des Freibalones. p. 35-50.

Schmidt, Wilhelm. Häufigkeitverteilung des vertikalen Temperaturgradienten. p. 51-76.

Dietzus, Robert. Die Beständigkeit des Windes in verschiedenen Höhen über Wien. p. 77-86.

Kohlhörster, Werner. Messungen der durchdringenden Strahlung bis 9300 m Höhe. p. 87.

Schedler, Anton. Über den Einfluss der Lufttemperatur in verschiedenen Höhen auf die Luftdruckschwankungen am Erdboden (nach den internationalen Ballonaufstiegen). p. 88-101.

Metereologische Zeitschrift. Braunschweig. Band 32. Juni 1915.

Heilmann, G[ustav]. System der Hydrometeore. p. 241-253.

Wegener, Alfred. Zur Frage der atmosphärischen Mondgezeiten. p. 253-258.

Hann, J[ulius] v. P. Range über das Klima des Namalandes, Deutsch-Südwestafrika. p. 258-268.

Hegyfoky, J[akob]. Der jährliche Temperaturgang auf der grossen Tiefebene in Ungarn. p. 268-273.

Köppen, W[ladimir]. Die Bestimmung der Luftströmungen in der Höhe mittels Pilotballon. p. 273-277.

Sverdrup, H. U. Temperaturinversionen in etwa 4000 m Höhe in der Nähe der Alpen. p. 283-284.

Der Frühjahrszug der Vögel und das Wetter. p. 284. [Abstract of article by Hegyfoky.]

Russia. Bureau météorologique du comité scientifique du Ministère de l'agriculture. Travaux de météorologie agricole. Petrograd. Livraison 14. 1915.

Azzi, Girolamo. L'importance de la météorologie agricole au point de vue international. p. 3-18. [Russian, with French translation.]

Azzi, Girolamo. L'influence des facteurs météorologiques sur les rendements du froment dans la province de Bologne. p. 19-47. [Russian, with French translation.]

Geografia. Novara. anno 3. Marzo-aprile 1915.

Baratta, Mario. Le condizioni sismiche della regione marsicana. p. 106-111.